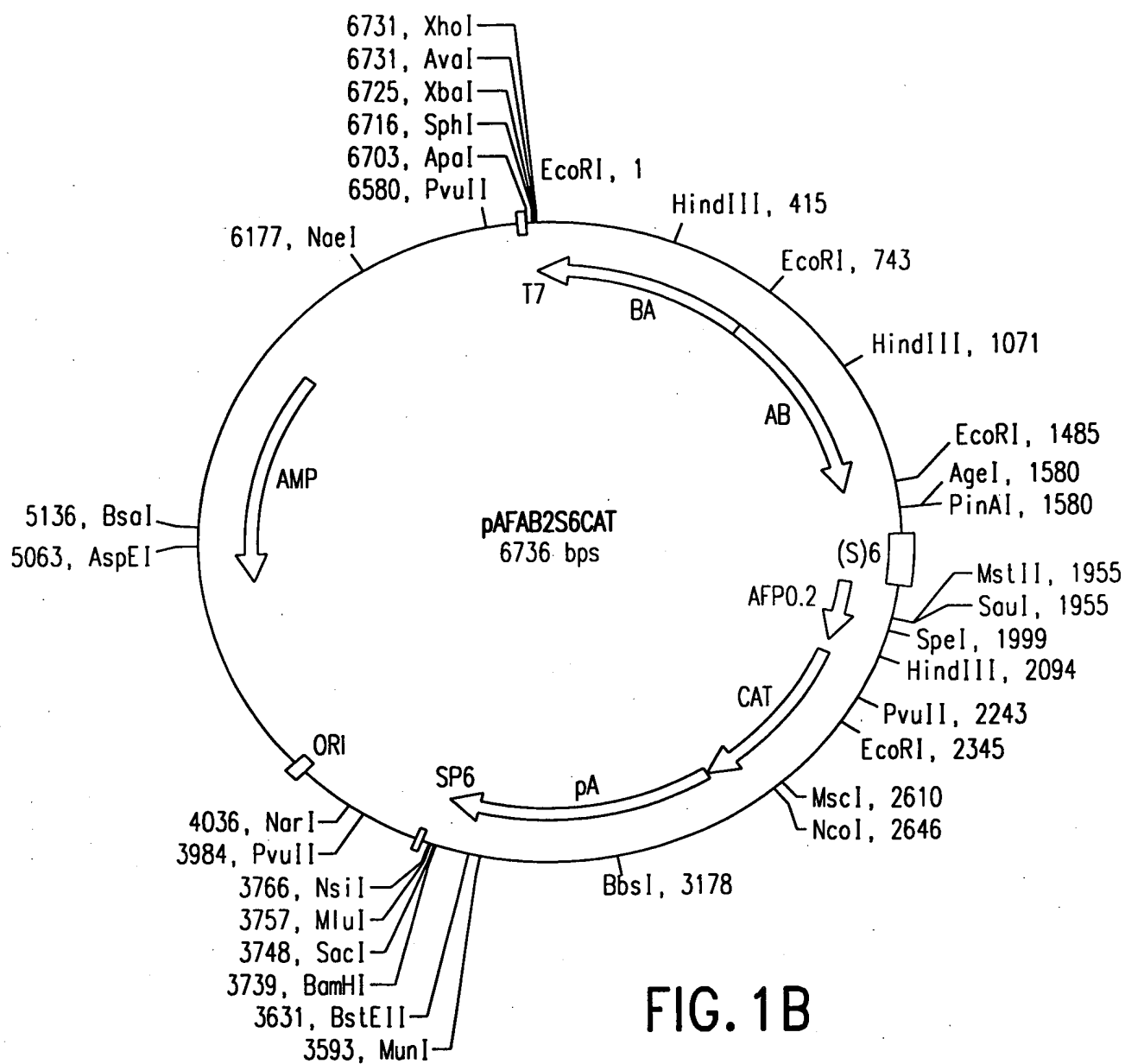


**FIG.1A**



**FIG. 1B**

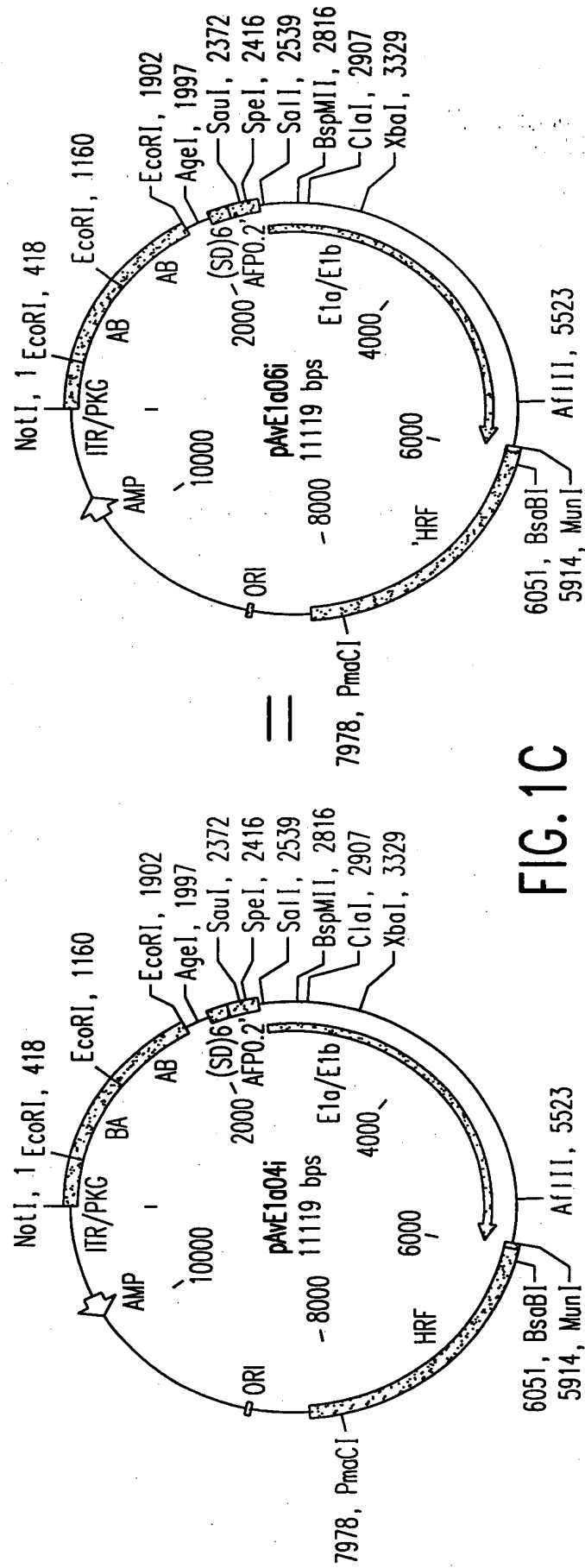
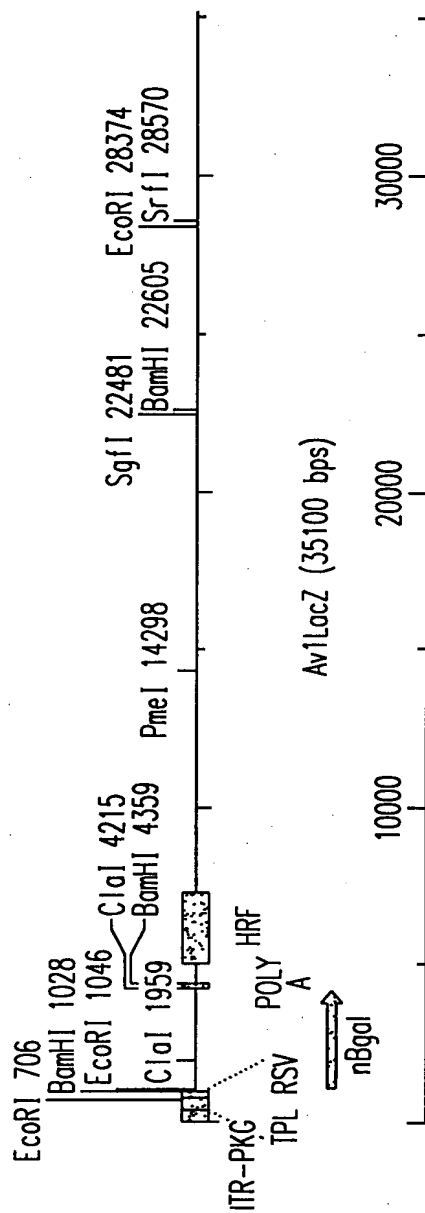


FIG. 1C



DIGEST WITH  
ClaI (bp 1959, 4215)

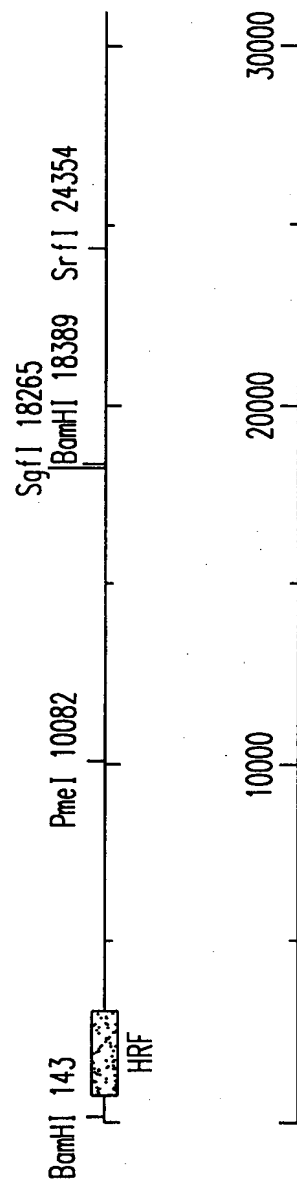


FIG. 2A

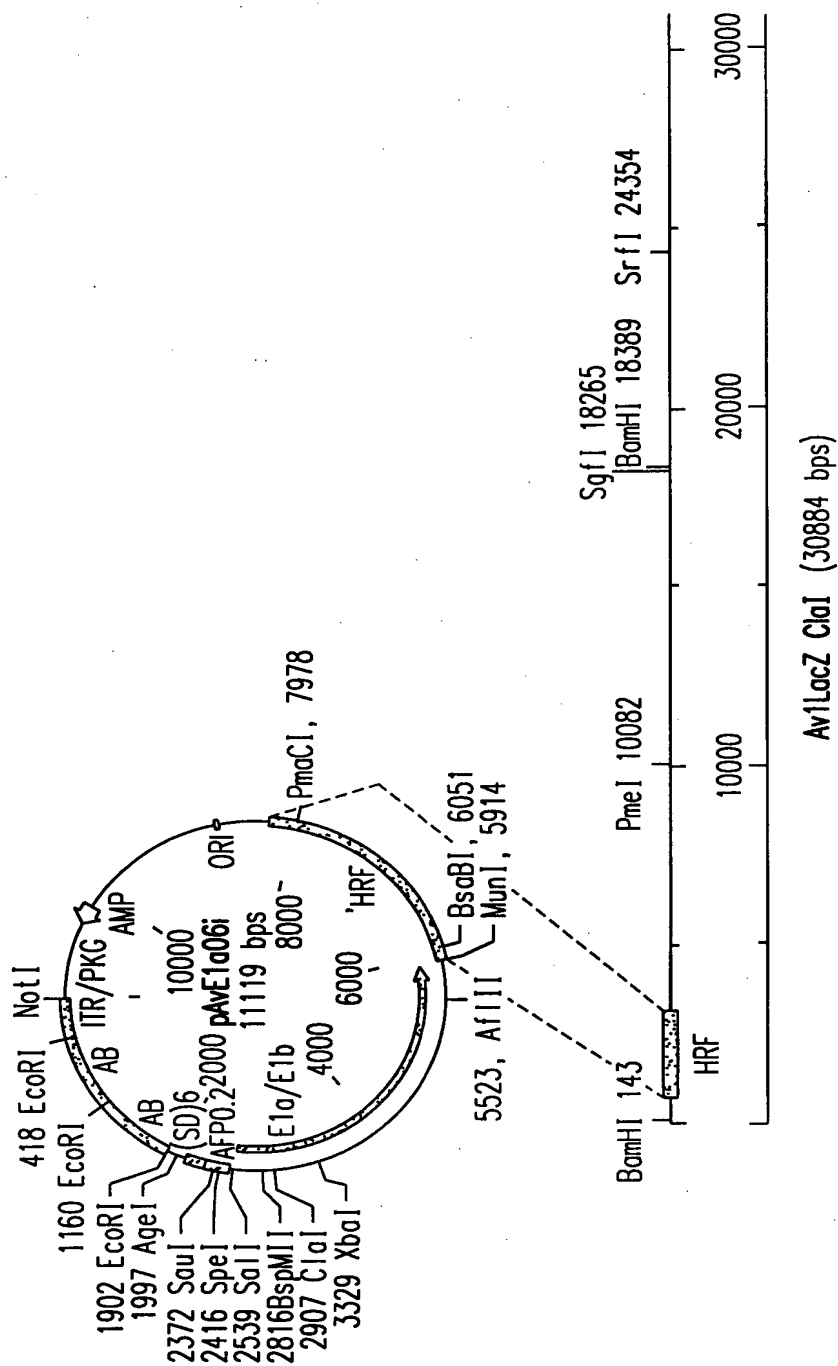
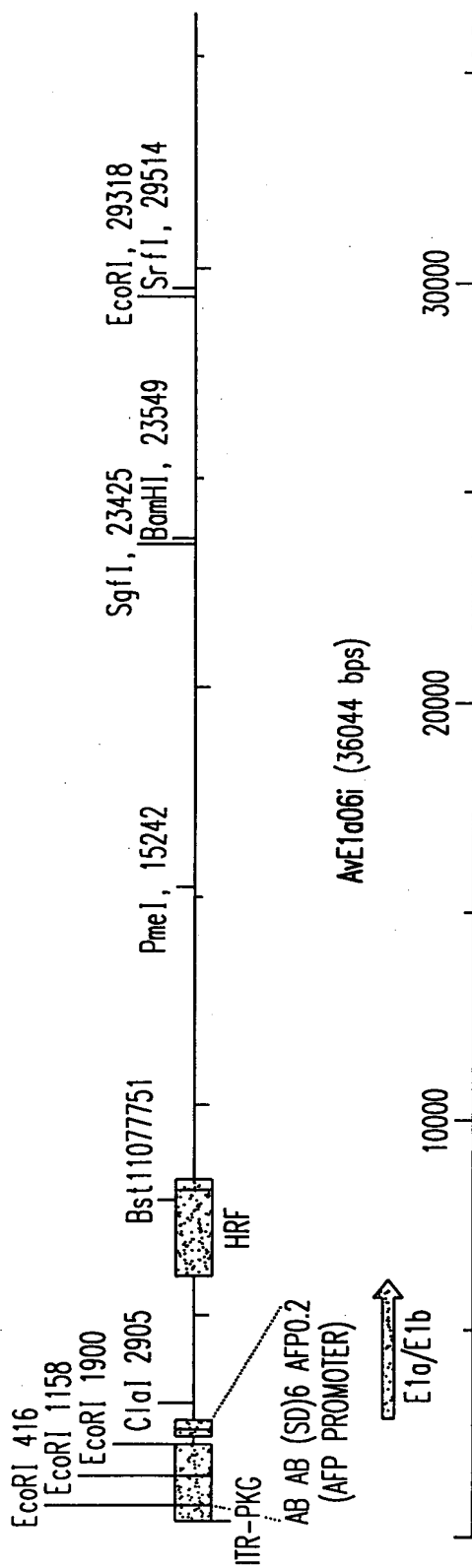


FIG. 2B



VIRUS AMPLIFIED ON S8 CELLS  
DELETED ONE DIRECT ENHANCER (AB)  
FROM THE PROMOTER

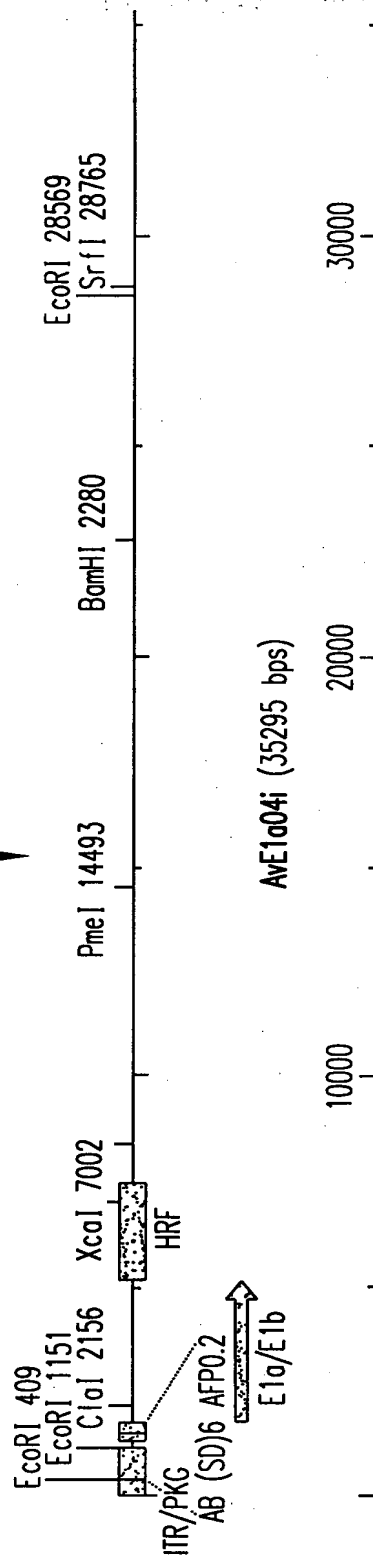
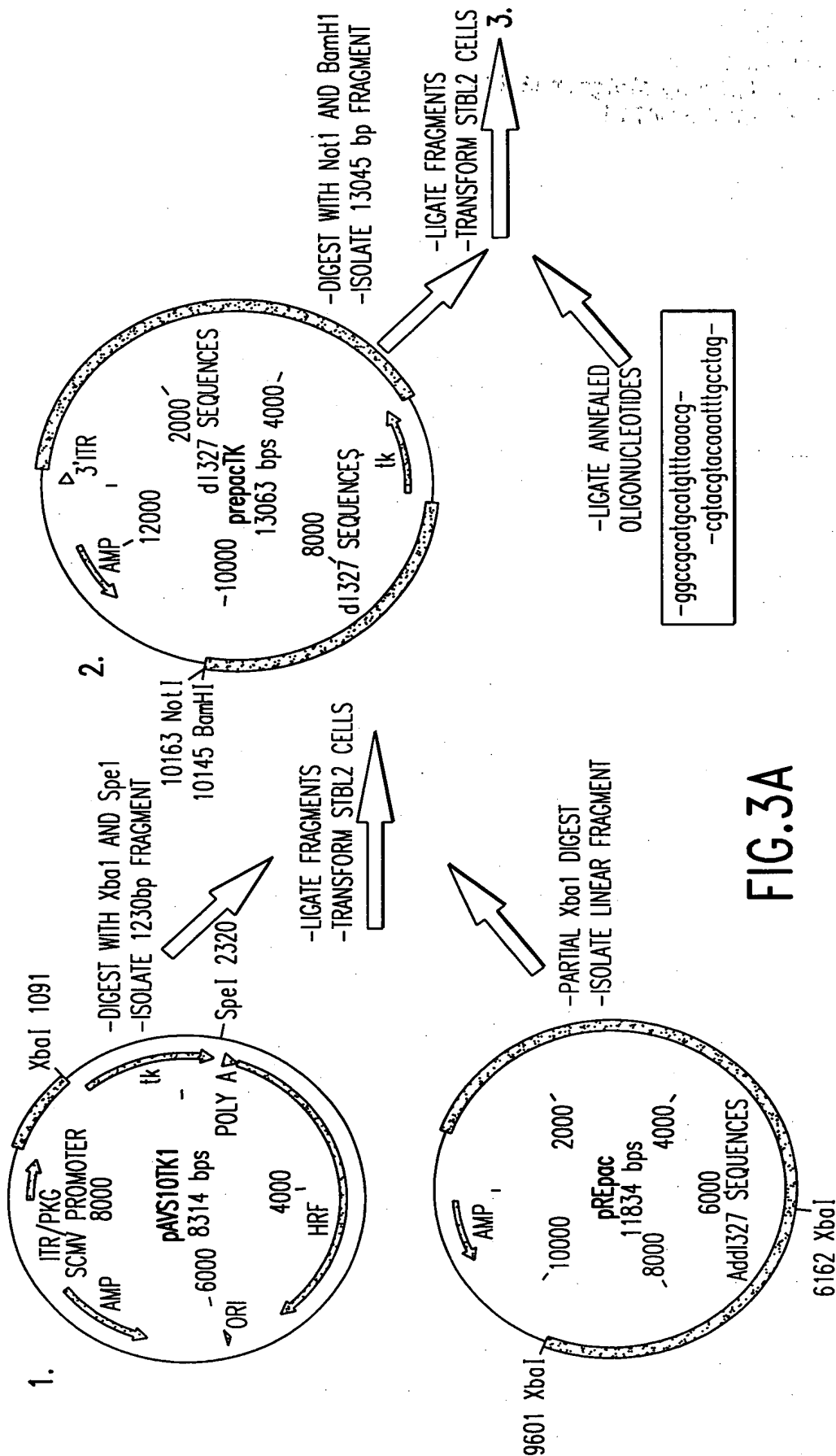


FIG.2C



**FIG.3A**





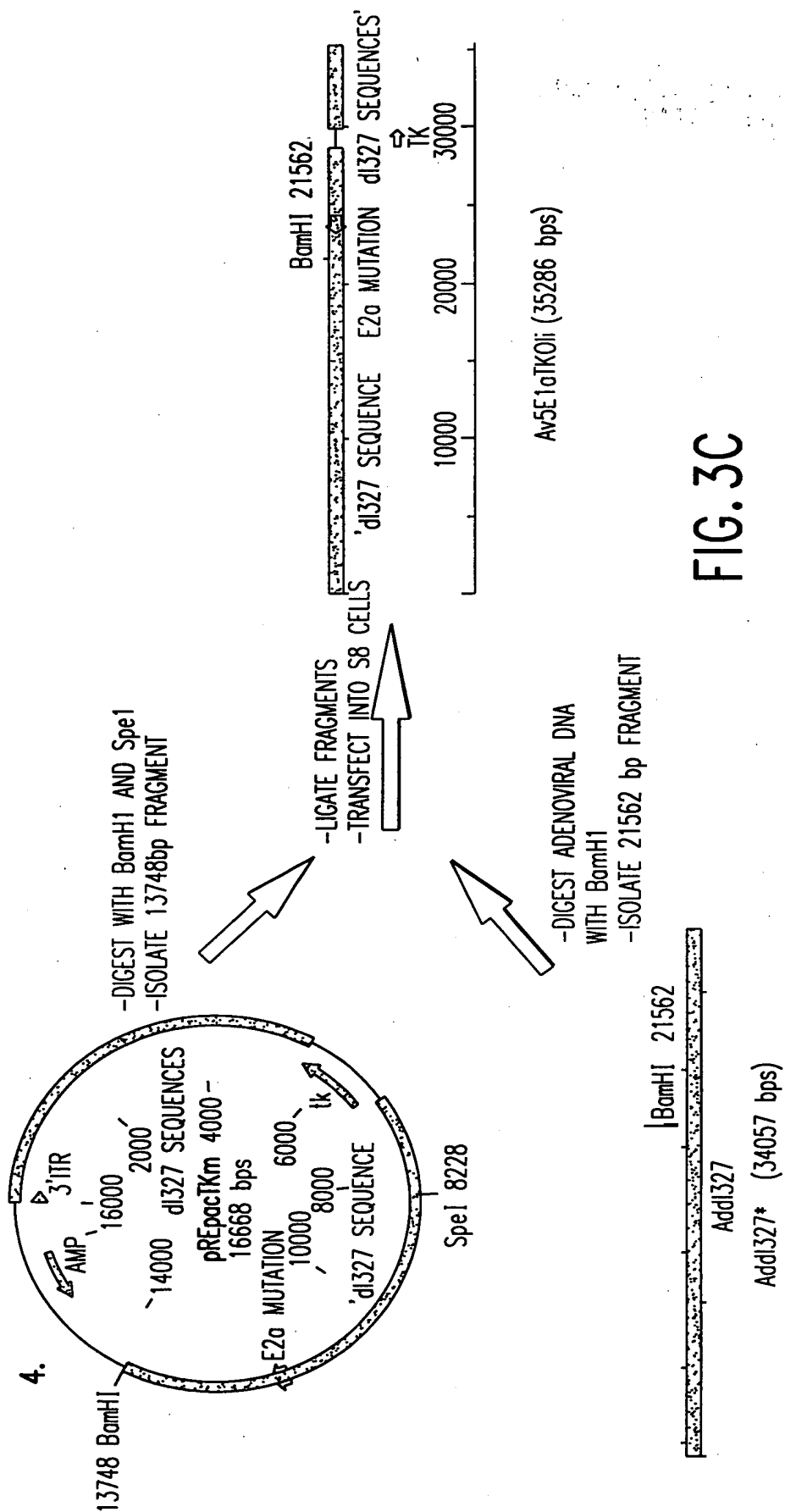
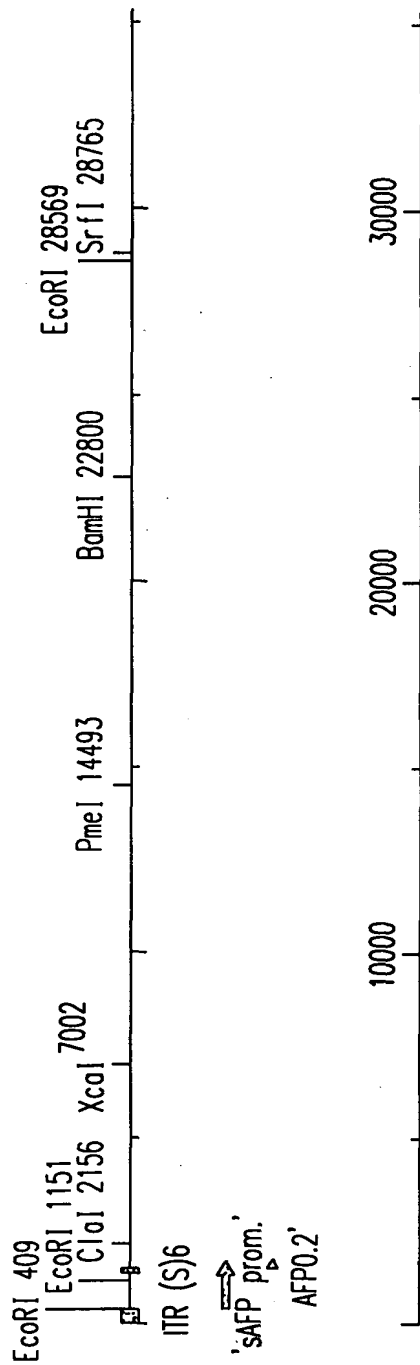


FIG. 3C



Av1E1a04i (35295 bps)

DIGEST WITH BamHI (bp 22800)  
AND SrfI (bp 28765)



FIG. 4A

Av1E1a04i DIGESTED WITH BamHI AND SrfI (22800 bps)

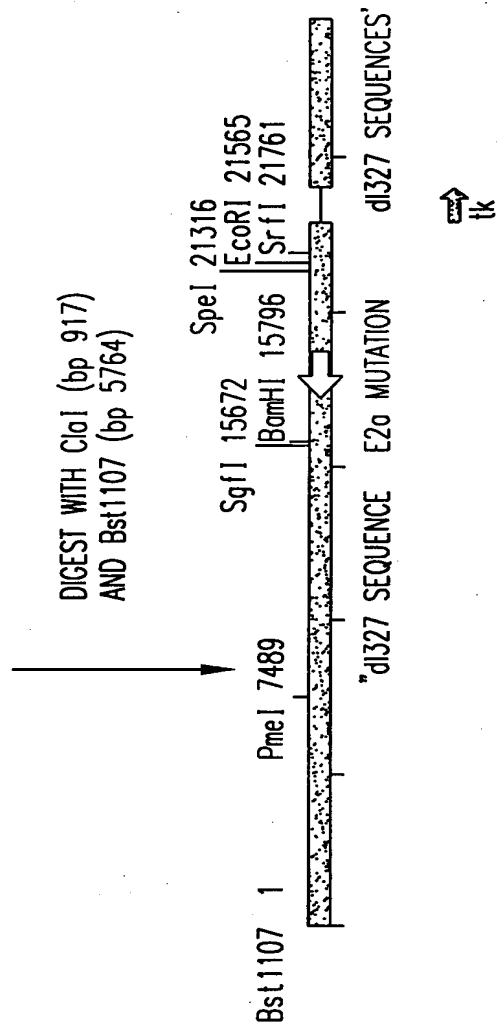
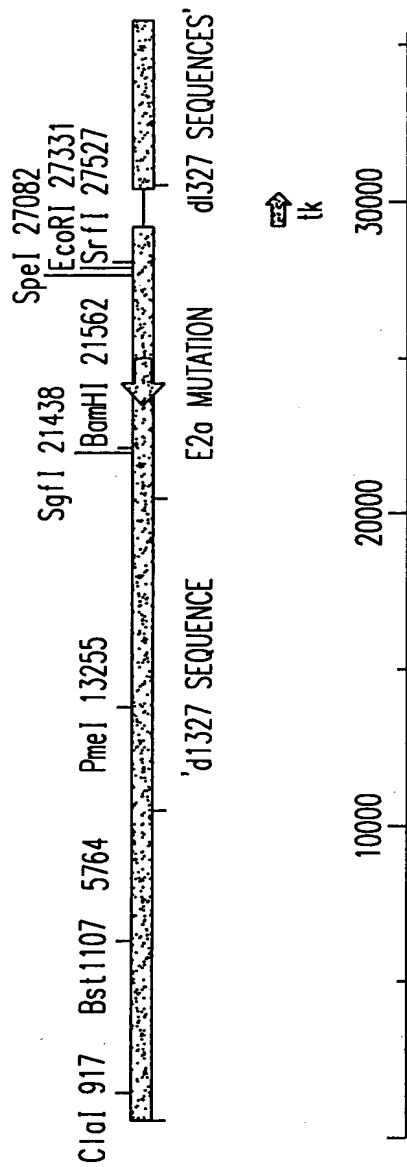
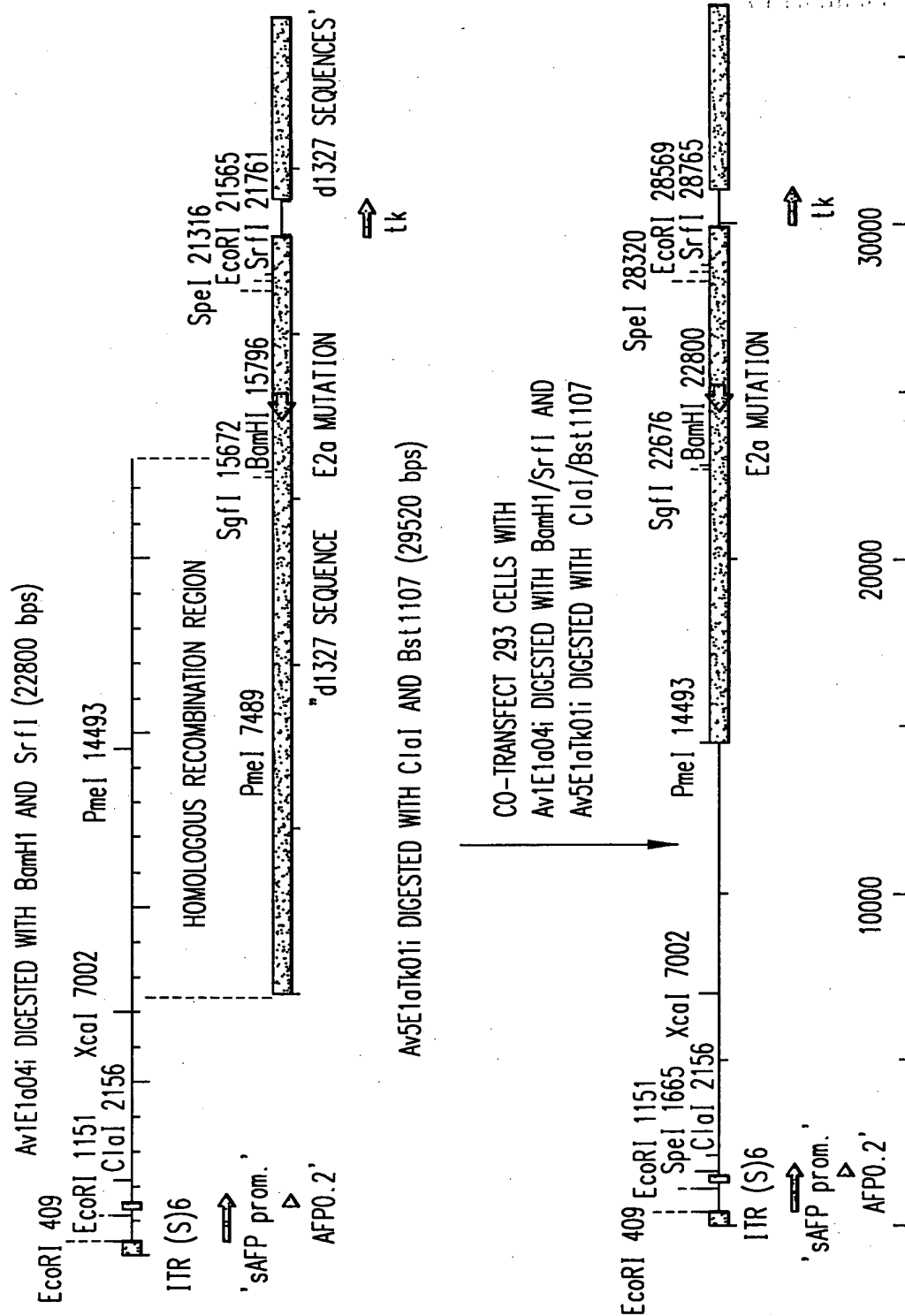
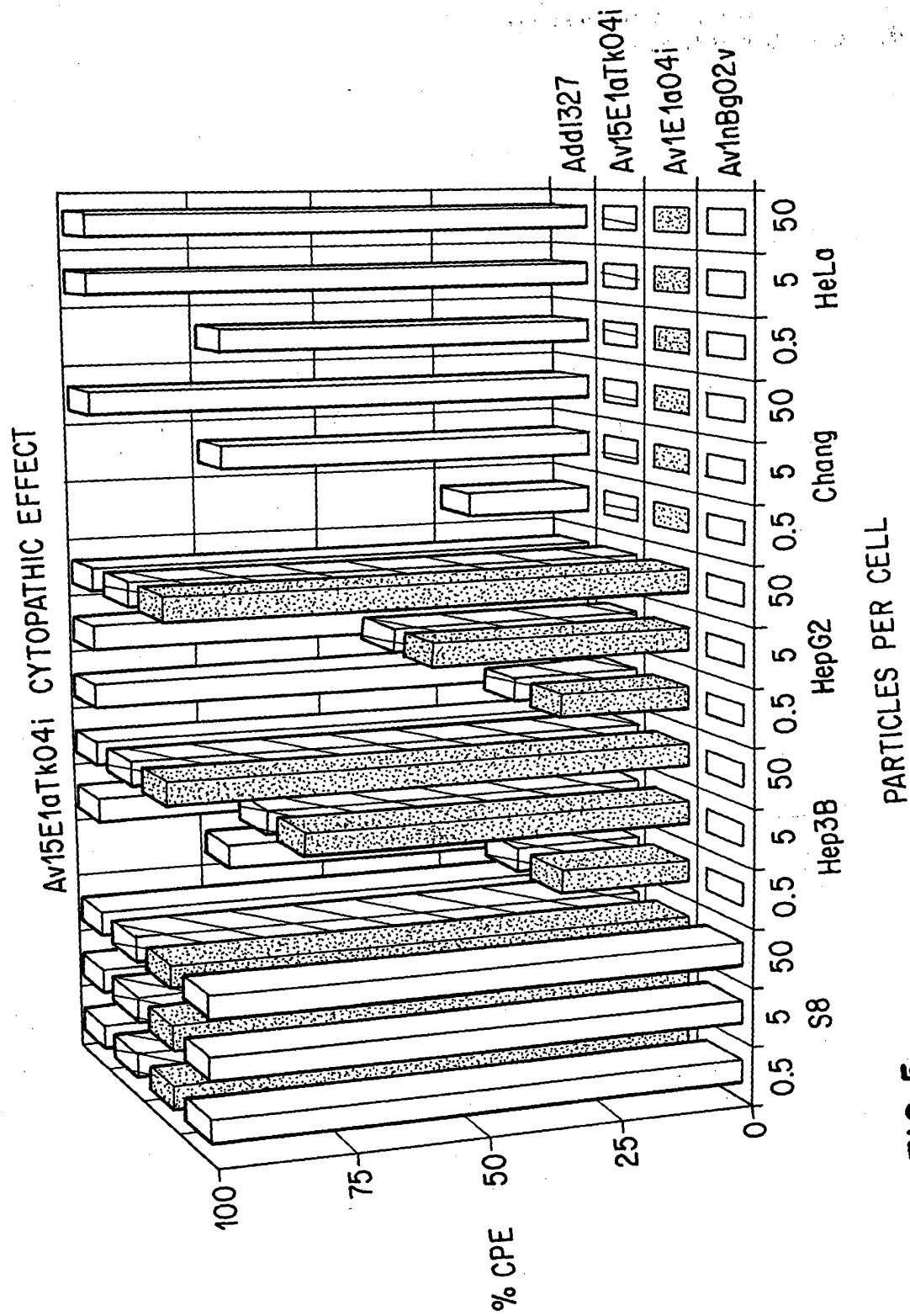


FIG. 4B



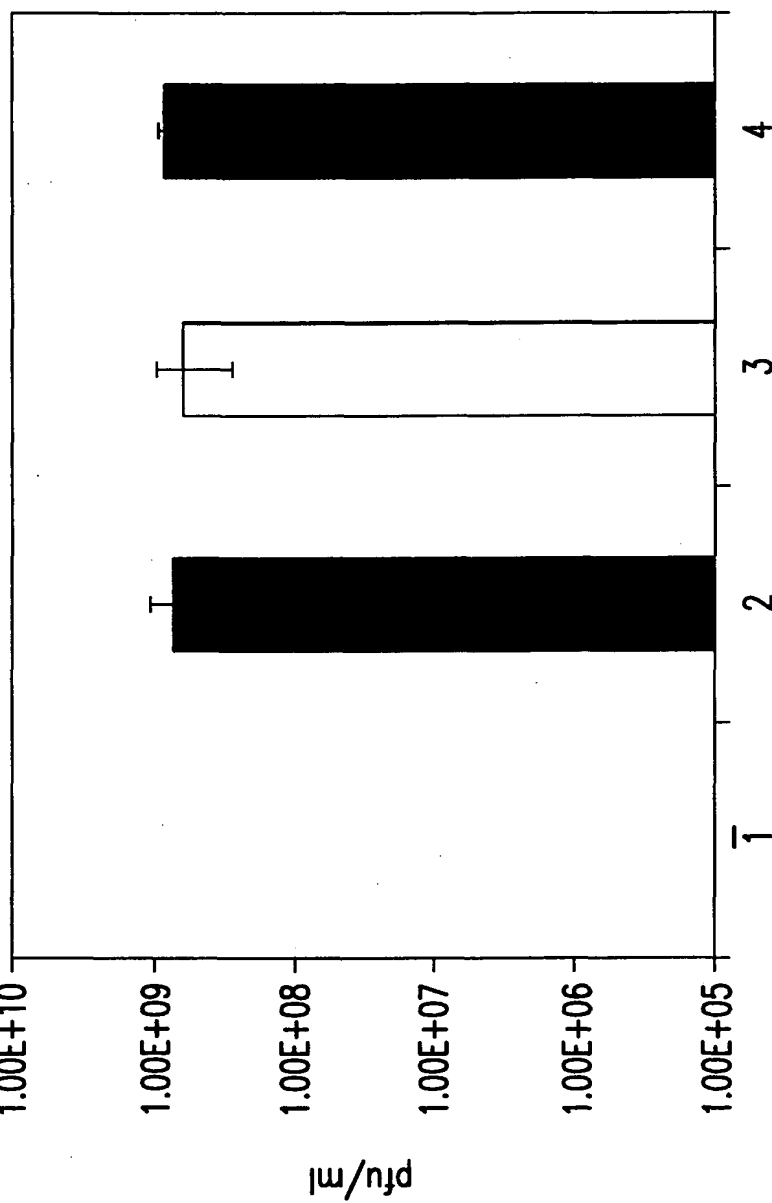
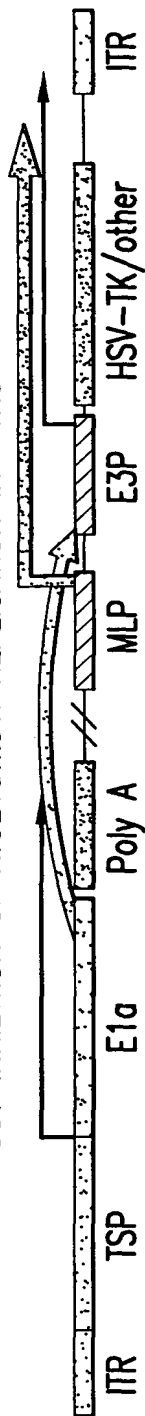
Av15E1aTk04i (36524 bps)

FIG. 4C



**FIG. 5**

# GCV INHIBITION OF Av5E1 $\alpha$ Tk01i REPLICATION IN VITRO



VECTOR	Av5E1 $\alpha$ Tk01i	Av5E1 $\alpha$ Tk01i	AddI327	AddI327
GCV	+	-	+	-

\* LIMIT OF SENSITIVITY=7.4 x 10E4

FIG.6

GCV Inhibition of Av5E1aTK 01i Replication *In Vivo*

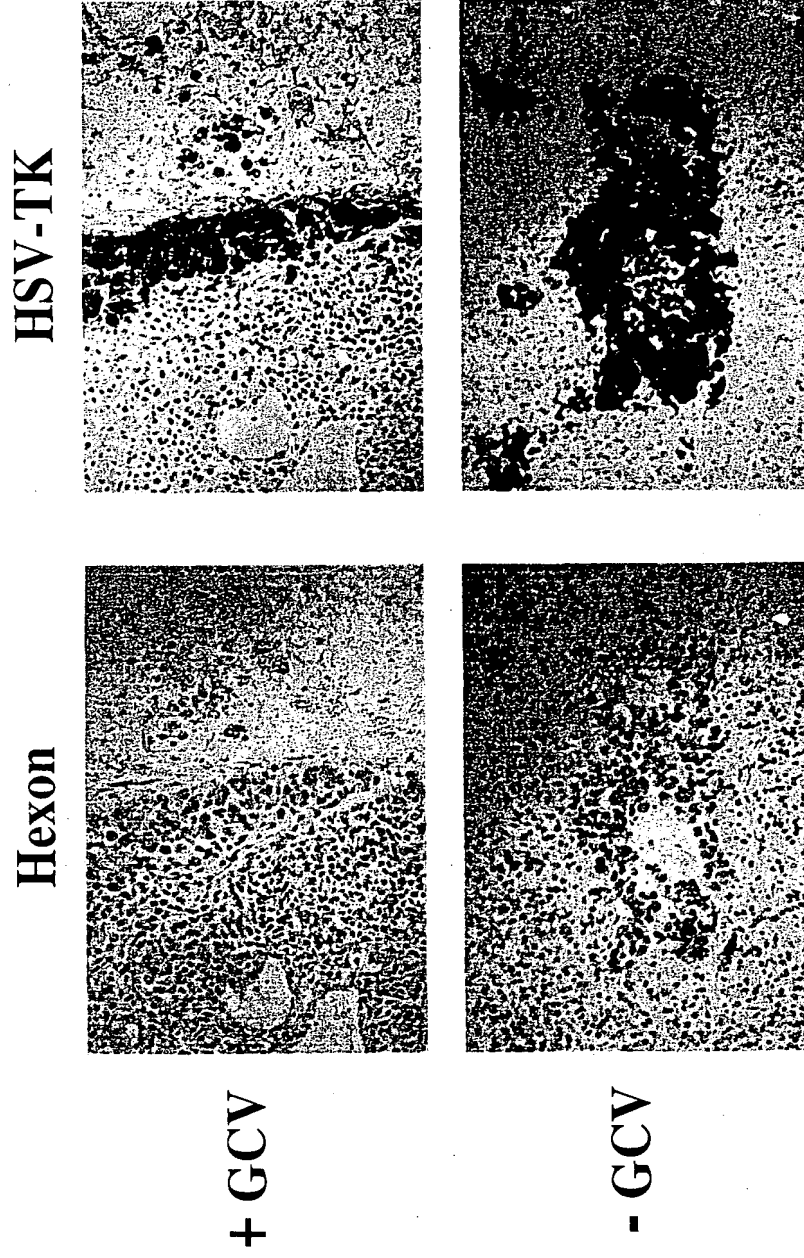
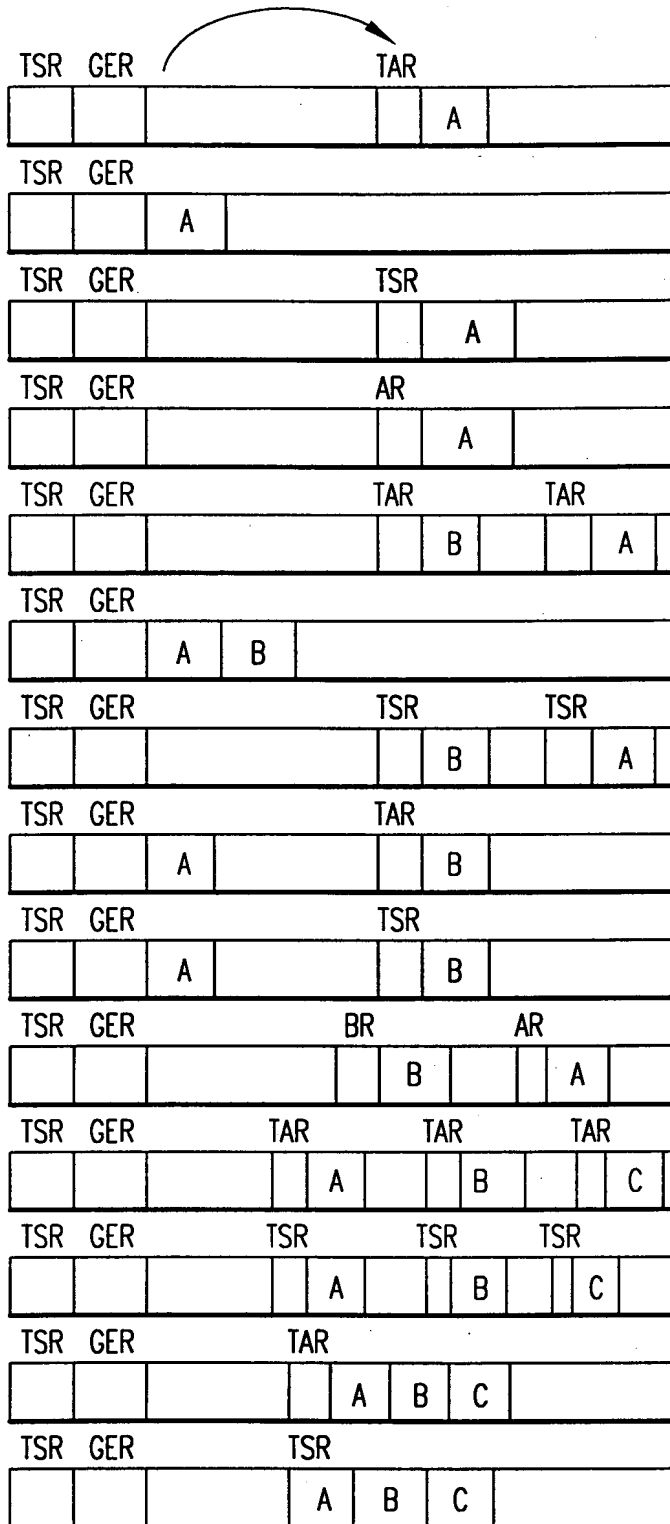


FIG.7



TSR = TISSUE SPECIFIC REG. SEQ.  
 GER = GENE ESSENTIAL FOR REPL.  
 TAR = TRANSACTIVATIBLE REG. SEQ.  
 AR, BR etc. = HOMOLOGOUS  
 PROMOTER OF GENE A, B, etc.

etc.

FIG.8



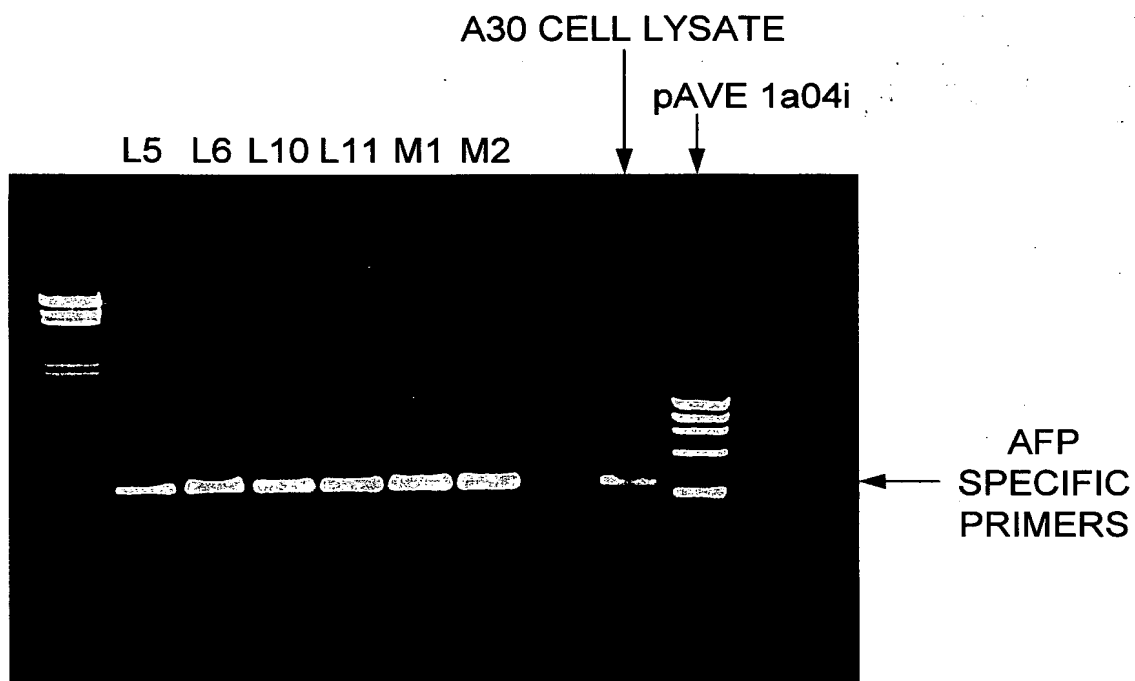


FIG.9A



FIG.9B

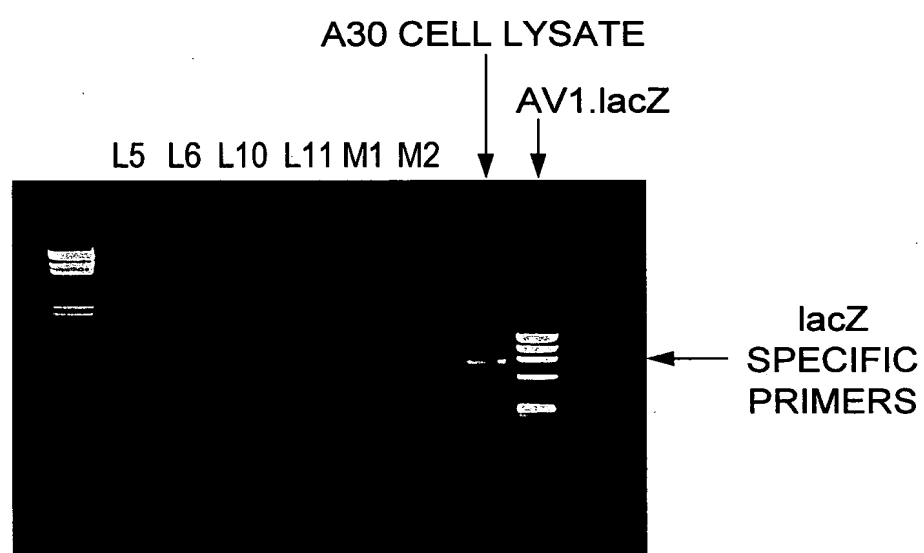


FIG.9C

A549.30 (+Dex)



UNINFECTED

FIG. 10A

A549

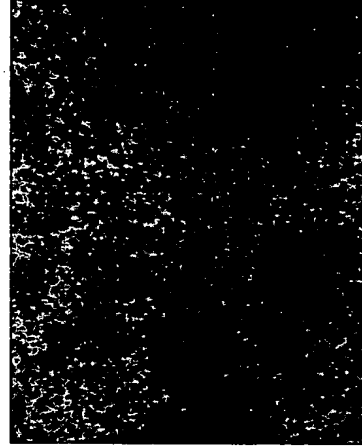


FIG. 10B

HUH7

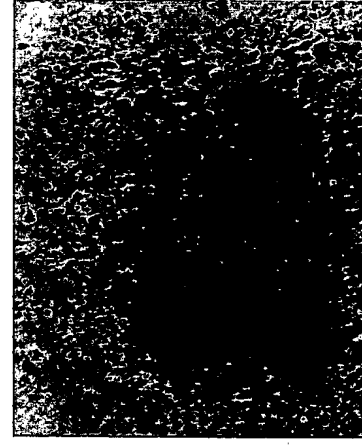
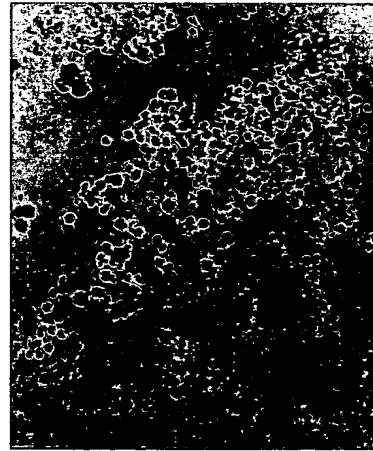


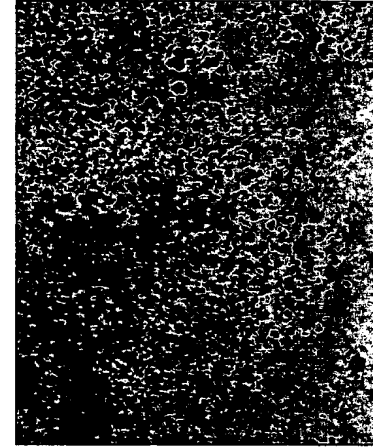
FIG. 10C



INFECTED

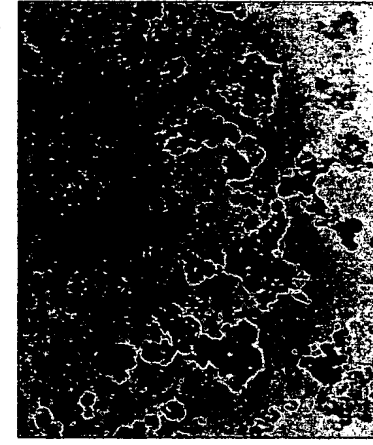
Ela+,AFP-

FIG. 10D



Ela-,AFP-

FIG. 10E



Ela-,AFP+

FIG. 10F